

In Year 2007, we created a unique flatpack roof system Using injected PU foam as core material, which solved the problem of the balance between the tightness, the strength and the full prefabrication in the factory.



We are also the first one to use FrameCAD system to design and manufacture the light gauge steel villa in China.

We have more than 100 patents for different parts or technology innovations, such as the wall panel clips, the skirting, the corner parts...

QUALITY UNSURPASSED

We have a very strict QC system, our company standards are far more higher than the National standards.

The steel we are using is a high-strength steel plate, galvanized for long life. steel coil for the sandwich panel is Aluminum zinc magnesium (AMZ) galvanized in 100g/m² plus PE baking finish in 20/5um, which can more than 25 years

We are also using the advanced design software to make sure all buildings apply to local standards, we provide also lifetime maintenance consult service.

Smart Container House



Smart Container House is the luxury version of the Expandable Container House, it can be expanded also, but we made it in different layout, with different structure system, different wall and roof system, also with better outside and inside finishing.

We use high strength aluminum frame with PU foam to make the roof and wall panels in order to achieve better insulation and good strength but in lighter weight pieces. The PU foaming system is solid, with well finished plaster board on both sides for walls which requires no more treatment after been finished. The water pipes, electrical

conduits and wires are also pre-installed and ready to use after been connected.

All doors, windows, sanitary, lights, flooring and ceiling are well installed, client just need to open the package and fix some connections, the smart container house is ready to move in.

Metal Container House



We use second hand shipping container or brand-new shipping container as the main frame, we amend it by adding doors and windows or combining different units into large space, decorating the interior using LSF system with plaster board and glass wool insulation, installing the sanitary, electrical and furniture inside as per client's detail requirements.

This Metal Container House is durable cause they have strong metal envelopment, so they can be stacked to build multiple floors building,

they can be also connected or weld together so the whole building will be very much stable and durable.

The Metal Container House is also a SOC box during transportation, they can be lift, loaded or be handled in the same way like shipping containers.

LSF Modular Container House



LSF modular is very flexible for space design, they are all customized based on detail project requirements.

We will use heavy steel frame as the main frame so the container house can be lift and transported, use light gauge steel as wall and roof frame, plus plaster board and other decorative wall panels, with glass wool insulation to fill. We pre-install the doors, windows, plumbing, electrical, sanitary, flooring, ceiling...make each unit full prefabricated.

We will make lock-lock system for each unit so they can be joint together and make sure the whole structure system of the entire building is safe. The whole construction program is just like a LEGO.



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